

CLAIMS

1. A solid electrolytic capacitor comprising:

a porous sintered body of valve metal;

5 an internal anode terminal projecting from the porous sintered body; and

an external anode terminal positioned lower than the internal anode terminal and having a bottom surface utilized for surface-mounting;

10 wherein the internal anode terminal is provided at a position lower than a center of the porous sintered body in a height direction.

2. The solid electrolytic capacitor according to claim 1, wherein
15 the porous sintered body comprises a plurality of flat sintered elements, and the sintered elements are laminated in a thickness direction with each of the elements standing.

3. The solid electrolytic capacitor according to claim 1, further
20 comprising a cathode metal plate which is bonded to a lower surface of the porous sintered body and at least part of which serves as an external cathode terminal, wherein a bottom surface of the external anode terminal and a bottom surface of the external cathode terminal are flush with each other.

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4. The solid electrolytic capacitor according to claim 3, wherein the cathode metal plate includes a center portion, and an end

portion serving as the external cathode terminal, wherein a stepped portion is provided between the center portion and the end portion, and wherein the center portion includes an upper surface bonded to the porous sintered body and a lower surface
5 covered by resin.

5. The solidelectrolytic capacitor according to claim 1, wherein the internal anode terminal comprises a first anode wire and a second anode wire; and
10 wherein the first anode wire and the second anode wire project from the porous sintered body in different directions from each other.

6. The solidelectrolytic capacitor according to claim 5, wherein
15 the first anode wire and the second anode wire project in opposite directions from each other.

7. The solidelectrolytic capacitor according to claim 5, further comprising a conductive member connecting the first anode wire
20 and the second anode wire to each other.

8. The solidelectrolytic capacitor according to claim 7, wherein the conductive member includes a metal cover covering at least part of the porous sintered body.
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9. The solidelectrolytic capacitor according to claim 7, wherein the conductive member includes an anode metal plate which is

laminated on a lower surface of the porous sintered body via an insulating member and which includes a portion serving as an external anode terminal.

5 10. The solid electrolytic capacitor according to claim 9, further comprising a cathode metal plate intervening between the porous sintered body and the insulating member, and the cathode metal plate includes a portion serving as an external cathode terminal.

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11. The solid electrolytic capacitor according to claim 1, wherein the porous sintered body includes an upper surface and a bottom surface spaced from each other in the height direction, and wherein the internal anode terminal is embedded in the porous
15 sintered body in contact with the bottom surface.

12. The solid electrolytic capacitor according to claim 1, wherein the porous sintered body includes an upper surface and a bottom surface spaced from each other in the height direction,
20 and wherein the internal anode terminal is fixed to the bottom surface from outside of the porous sintered body.